

Informal document No. WP.29-148-27
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agenda item 18)

Vehicle Safety Priorities of the United States

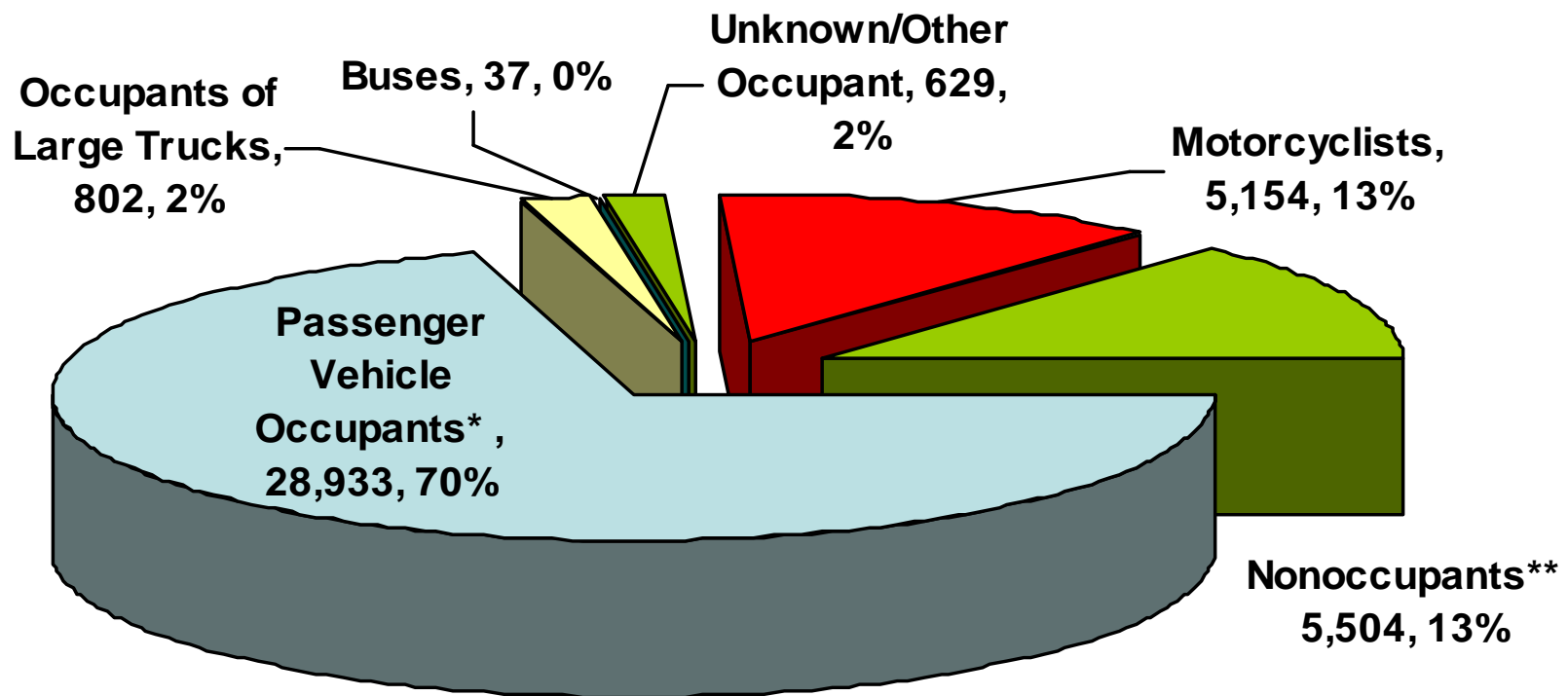
148th Session of WP.29
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Motor Vehicle Crashes in U.S.

- Vehicle Type
- Crash Partners
- Body Region Injured and Societal Costs
- Crash Avoidance
- Crashworthiness

Fatalities by Vehicle Type



*Data provided for year 2007

Fatalities by Person Type

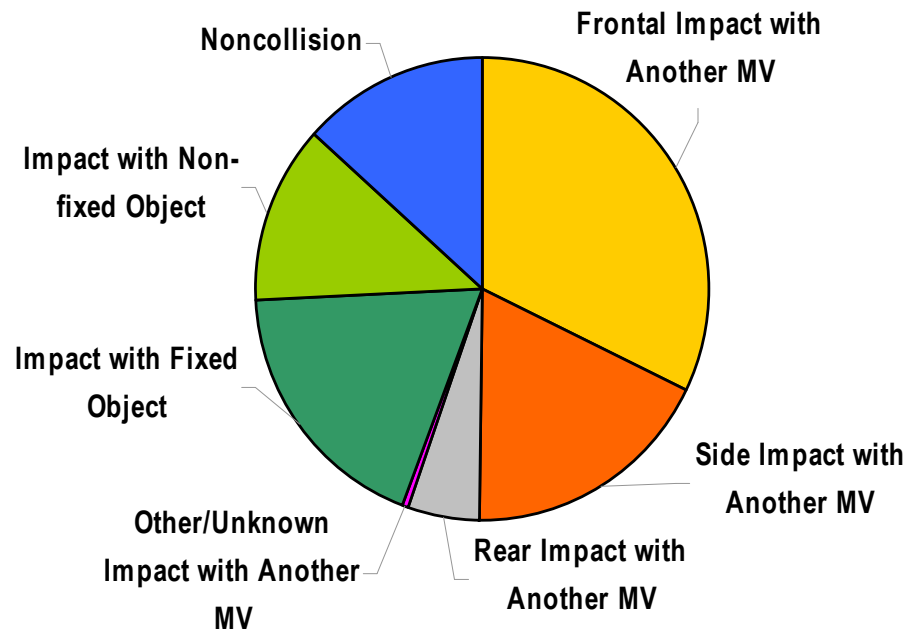
	Fatalities
Total Fatalities	41,059
Passenger Vehicle Occupants	28,933
Motorcycle	5,154
Large Truck, Bus, Other Vehicle Occupants	1,468
Nonoccupants	5,504
<i>Pedestrian</i>	<i>4,654</i>
<i>Pedalcyclists</i>	<i>698</i>

*Data provided for year 2007

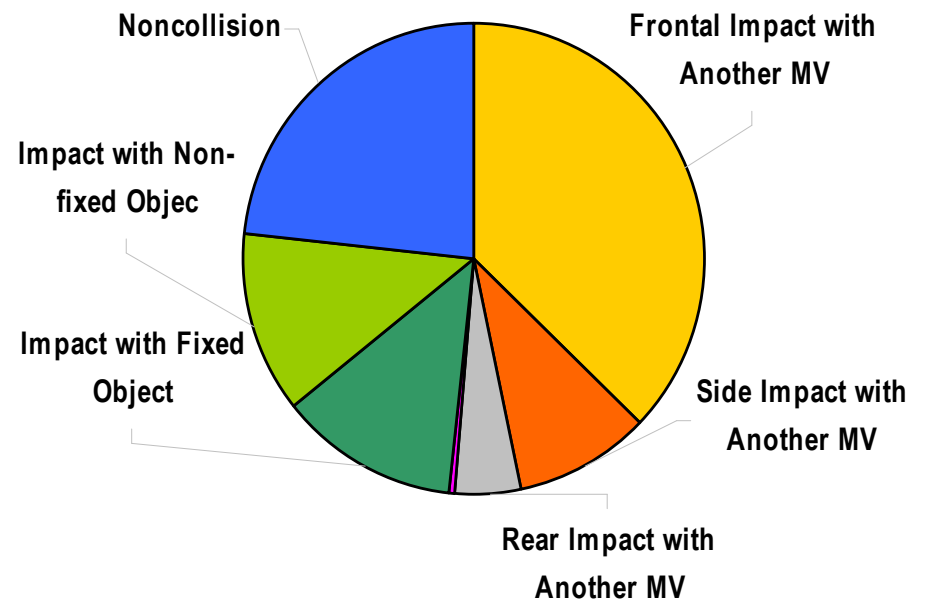


Fatalities by Crash Type

Passenger Cars



Light Truck



Priorities and Projects

- Large Safety Benefits
 - The size of the target population;
 - The effectiveness of countermeasures, i.e., their potential to save lives and prevent injuries;
 - The availability and practicability of these countermeasures;
 - The potential that countermeasures could be developed in the future that could be reasonably effective against a large target population

Priorities and Projects

- Vulnerable Populations
 - Children
 - Pedestrians
- High Occupancy Vehicles
 - Buses or Motorcoaches

Crash Avoidance Priorities

- Forward Collision Avoidance and Mitigation
- Lane Departure Prevention
- Vehicle-to-Vehicle Communication
- Motorcycle Antilock Braking Systems

Crashworthiness Priorities

- Side Impact
 - Pole Test
 - Child Protection
 - WorldSID 50th Male dummy
 - WorldSID 5th Female dummy
 - 3 year-old Qs dummy
- Rollovers
 - Ejection Mitigation
 - Restraints Systems

Heavy Vehicles

- Heavy Vehicle Stopping Distance
- Truck Tractor Stability Control
- Heavy Vehicle Forward Collision Avoidance and Mitigation
- Motorcoach
 - Lap/Shoulder Belts
 - Fire Safety
 - Emergency Evacuation
 - Roof Strength

Thank you very much for your attention

